

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims:

1.-10. (Canceled)

11. (New) A yaw rate sensor, comprising:

a substrate;

a drive element;

a Coriolis element situated above a surface of the substrate; and

a force-conveying arrangement for conveying a dynamic action of a force between the substrate and the Coriolis element, wherein:

the Coriolis element is capable of being induced by the drive element to oscillate parallel to a first axis,

a deflection of the Coriolis element in a second axis that is substantially perpendicular to the first axis is detectable,

the first axis and the second axis are parallel to the surface of the substrate, and

the force action has at least one frequency such that it is an integral multiple of a frequency of oscillation of the drive element parallel to the first axis.

12. (New) The yaw rate sensor as recited in Claim 11, wherein the force-conveying arrangement directly conveys the dynamic action between the substrate and the Coriolis element.

13. (New) The yaw rate sensor as recited in Claim 11, further comprising:

a plurality of springs; and

a detection element coupled to the Coriolis element via the springs, wherein:

the force-conveying arrangement indirectly conveys the dynamic action between the substrate and the Coriolis element in such a manner that a direct force action is conveyed between the substrate and the detection element, and

the detection element is coupled to the Coriolis element by the springs in such a way that the dynamic action is conveyed between the substrate and the Coriolis element.

14. (New) The yaw rate sensor as recited in Claim 11, further comprising:
a detection arrangement via which a position of the drive element parallel to the first axis
is detected.
15. (New) The yaw rate sensor as recited in Claim 11, wherein the dynamic action has a
fixed phase relationship to the oscillation of the drive element parallel to the first axis.
16. (New) The yaw rate sensor as recited in Claim 11, wherein a phase of the dynamic action
conveyed by the force-conveying arrangement is adjustable in relation to the oscillation of the
drive element parallel to the first axis.
17. (New) The yaw rate sensor as recited in Claim 14, wherein the force-conveying
arrangement is provided in such a way that an amplitude of the dynamic action is determined by
a deflection of the detection arrangement in the second axis.
18. (New) A yaw rate sensor, comprising:
a substrate;
a drive element;
two Coriolis elements situated above a surface of the substrate and positioned
symmetrically with respect to one another;
a mechanical coupling provided between the two Coriolis elements; and
a force-conveying arrangement for conveying a dynamic action of a force between the
substrate and the Coriolis element, wherein:
the Coriolis elements are capable of being induced by the drive element to
oscillate parallel to a first axis,
a deflection of the Coriolis elements in a second axis that is substantially
perpendicular to the first axis is detectable,
the first axis and the second axis are parallel to the surface of the substrate, and
the force action has at least one frequency such that is an integral multiple of a
frequency of oscillation of the drive element parallel to the first axis.
19. (New) The yaw rate sensor as recited in Claim 11, wherein:
a frequency of the conveyed dynamic action is a product of an electromechanical
multiplication, the multiplicand including a signal having the frequency of the oscillation
of the drive element, and a multiplier including a signal having the frequency of the
oscillation of the drive element with a phase shift to a multiplicand.

20. (New) The yaw rate sensor as recited in Claim 11, wherein a frequency of the conveyed dynamic action equals two times the frequency of the oscillation of the drive element.